

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073006.D
 Acq On : 13 May 2022 23:09
 Operator : VA/SY
 Sample : N2816-03MSD
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01MSD

Quant Time: May 16 05:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	311156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	510729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	472480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177073	43.840	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.680%		
35) Dibromofluoromethane	7.908	113	186620	52.028	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.060%		
50) Toluene-d8	10.332	98	676735	52.596	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.200%		
62) 4-Bromofluorobenzene	12.620	95	245940	51.263	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	178557	41.527	ug/l	95
3) Chloromethane	2.209	50	169825	37.978	ug/l	96
4) Vinyl Chloride	2.344	62	168050	41.882	ug/l	98
5) Bromomethane	2.762	94	109360	44.128	ug/l	92
6) Chloroethane	2.914	64	103429	41.359	ug/l	97
7) Trichlorofluoromethane	3.267	101	324035	46.119	ug/l	98
8) Diethyl Ether	3.714	74	86060	42.724	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	192114	46.056	ug/l	97
10) Methyl Iodide	4.303	142	177539	42.410	ug/l	99
11) Tert butyl alcohol	5.220	59	71411	204.346	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	174161	46.419	ug/l	86
13) Acrolein	3.914	56	11326	31.945	ug/l	99
14) Allyl chloride	4.708	41	280058	46.234	ug/l	92
15) Acrylonitrile	5.414	53	187668	196.039	ug/l	97
16) Acetone	4.150	43	174845	230.173	ug/l	94
17) Carbon Disulfide	4.409	76	478791	40.585	ug/l	100
18) Methyl Acetate	4.720	43	116791	53.154	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	401192	44.604	ug/l	98
20) Methylene Chloride	4.961	84	225808	46.270	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	200129	46.509	ug/l	84
22) Diisopropyl ether	6.361	45	620845	46.592	ug/l	92
23) Vinyl Acetate	6.303	43	1131728m	153.746	ug/l	
24) 1,1-Dichloroethane	6.261	63	369754	46.186	ug/l	98
25) 2-Butanone	7.208	43	239635	203.624	ug/l	95
26) 2,2-Dichloropropane	7.202	77	290222	42.881	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	230001	46.669	ug/l	91
28) Bromochloromethane	7.538	49	143953	48.218	ug/l #	82
29) Tetrahydrofuran	7.555	42	147271	196.327	ug/l	92
30) Chloroform	7.702	83	385934	45.559	ug/l	99
31) Cyclohexane	7.979	56	302665	42.867	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	344956	47.780	ug/l	96
36) 1,1-Dichloropropene	8.108	75	287116	49.228	ug/l	98
37) Ethyl Acetate	7.291	43	95187	35.502	ug/l #	93
38) Carbon Tetrachloride	8.091	117	296683	49.003	ug/l	99
39) Methylcyclohexane	9.349	83	309624	45.767	ug/l	96
40) Benzene	8.344	78	818071	48.570	ug/l	100

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41) Methacrylonitrile	7.526	41	63112	39.532	ug/l #	91
42) 1,2-Dichloroethane	8.420	62	224429	44.217	ug/l	97
43) Isopropyl Acetate	8.444	43	195984	39.603	ug/l #	92
44) Trichloroethene	9.108	130	215593	47.845	ug/l	93
45) 1,2-Dichloropropane	9.379	63	211393	47.791	ug/l	100
46) Dibromomethane	9.473	93	107443	44.034	ug/l	96
47) Bromodichloromethane	9.655	83	293959	46.832	ug/l	98
48) Methyl methacrylate	9.449	41	109813	45.359	ug/l	90
49) 1,4-Dioxane	9.449	88	23258	846.475	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	545229	212.027	ug/l	95
52) Toluene	10.396	92	525083	49.976	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	254303	44.108	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	310143	46.301	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	148399	44.990	ug/l	99
56) Ethyl methacrylate	10.655	69	163040	41.981	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	256419	45.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	451107	239.573	ug/l	97
59) 2-Hexanone	10.973	43	374863	216.643	ug/l	96
60) Dibromochloromethane	11.132	129	190703	45.927	ug/l	98
61) 1,2-Dibromoethane	11.238	107	139795	43.542	ug/l	98
64) Tetrachloroethene	10.867	164	199617	57.786	ug/l	97
65) Chlorobenzene	11.661	112	548835	50.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	210935	51.360	ug/l	97
67) Ethyl Benzene	11.738	91	988668	52.276	ug/l	99
68) m/p-Xylenes	11.843	106	772779	106.076	ug/l	98
69) o-Xylene	12.173	106	365554	53.728	ug/l	95
70) Styrene	12.185	104	624156	52.947	ug/l	97
71) Bromoform	12.349	173	102807	46.188	ug/l #	97
73) Isopropylbenzene	12.467	105	957504	53.760	ug/l	100
74) N-amyl acetate	12.279	43	169144	38.135	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	160657	44.685	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	133620m	52.346	ug/l	
77) Bromobenzene	12.749	156	211738	50.064	ug/l	93
78) n-propylbenzene	12.808	91	1175334	52.359	ug/l	99
79) 2-Chlorotoluene	12.896	91	669272	51.040	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	804763	53.288	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	47910	43.161	ug/l	92
82) 4-Chlorotoluene	12.990	91	702119	51.247	ug/l	100
83) tert-Butylbenzene	13.208	119	693208	53.990	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	788889	52.259	ug/l	99
85) sec-Butylbenzene	13.385	105	1007595	52.032	ug/l	99
86) p-Isopropyltoluene	13.502	119	834501	52.560	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	421139	49.429	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	415891	49.017	ug/l	99
89) n-Butylbenzene	13.826	91	778935	50.645	ug/l	99
90) Hexachloroethane	14.096	117	166275	51.121	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	365665	49.245	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24243	42.537	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	205626	46.760	ug/l	100
94) Hexachlorobutadiene	15.249	225	98080	40.839	ug/l	98
95) Naphthalene	15.384	128	373613	46.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	176839	45.364	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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